

<b>Examiner-Initiated Interview Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>
	10/763,473	ARNOLD ET AL.
	<b>Examiner</b>	<b>Art Unit</b>
	Thai-Ba Trieu	3748

**All Participants:**

(1) Thai-Ba Trieu.

**Status of Application:** After-Final Rejection mailed on  
12/07/2004

(3) \_\_\_\_\_.

(2) Mr. John Christopher James (Reg. No. 40,660).

(4) \_\_\_\_\_.

**Date of Interview:** 18 February 2005

**Time:** 5:25 P.M.

**Type of Interview:**

- Telephonic  
 Video Conference  
 Personal (Copy given to:  Applicant     Applicant's representative)

Exhibit Shown or Demonstrated:  Yes     No

If Yes, provide a brief description:

**Part I.**

Rejection(s) discussed:

*None*

Claims discussed:

*11*

Prior art documents discussed:

*None*

**Part II.**

**SUBSTANCE OF INTERVIEW DESCRIBING THE GENERAL NATURE OF WHAT WAS DISCUSSED:**

*See Attached Examiner's Amendment.*

**Part III.**

- It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview directly resulted in the allowance of the application. The examiner will provide a written summary of the substance of the interview in the Notice of Allowability.  
 It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview did not result in resolution of all issues. A brief summary by the examiner appears in Part II above.

 02/18/105

(Examiner/SPE Signature)

(Applicant/Applicant's Representative Signature – if appropriate)

### **DETAILED ACTION**

This Office Action is in response to the Amendment After Final filed on February 15, 2005. Claims 1, 5, 7, and 11-13 were amended; and claims 2, 4, 9-10 were cancelled.

### **EXAMINER'S AMENDMENT**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. John Christopher James (Reg. No. 40,660) on Friday February 18, 2005.

The application has been amended as follows:

- In claim 11, line 2, “**9**” after “*in claim*” has been replaced by --7--, since claim 9 was cancelled.

### ***Allowable Subject Matter***

The following is an examiner's statement of reasons for allowance: None of the cited prior art alone or in combination teaches. The claimed combination of an actuation assembly for moving in unison and a method for actuating a plurality of movable aerodynamic vanes within a variable geometry turbocharger including:

**" Regarding claim 1:**

*the second gear member being coupled to the moving unison ring by cooperative surface features to permit unison ring thermal expansion and contraction movement during turbocharger operation while maintaining engagement between the first and second gear members.*

**Regarding claim 7:**

*means for maintaining engagement between the first and second gear members during operation of the turbocharger, the means being cooperative surface features between the unison ring and the first gear member.*

**Regarding claim 12:**

*the rack gear being attached to the unison ring by cooperative surface features to permit unison ring thermal movement during turbocharger operation while maintaining a tolerance between the pinion gear and rack gear.*

**Regarding claim 13:**

*the step of rotating the crank arm causing the unison ring to be rotated by the engagement of the first and second gear members, and wherein the moving unison ring is coupled to the plurality of aerodynamic vanes to move the vanes in unison.*

***Conclusion***

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thai-Ba Trieu whose telephone number is (571) 272-4867. The examiner can normally be reached on Monday - Thursday (6:30-5:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas E. Denion can be reached on (571) 272-4859. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

TTB  
February 18, 2005

  
Thai-Ba Trieu  
Primary Examiner  
Art Unit 3748